

INTERNATIONAL SEARCH REPORT

08 MAR 2003
International Application No
PCT/IB 03/03837

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G11B19/28 G11B19/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category ^a	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 317 241 A (HANS HELMUT) 31 May 1994 (1994-05-31) the whole document ---	1,2,7, 11,12 9,10
X	US 6 067 202 A (ROWAN BRYAN SCOTT ET AL) 23 May 2000 (2000-05-23) the whole document ---	1,2,5, 11,12
X	US 6 023 140 A (KIM HEUI-WOOK ET AL) 8 February 2000 (2000-02-08) the whole document ---	1,2,7, 11,12
X	US 5 633 570 A (MOTZKO ANDREW R) 27 May 1997 (1997-05-27) the whole document ---	1,2,7, 11,12 -/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

^a Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

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Date of the actual completion of the international search

Date of mailing of the international search report

1 December 2003

09/12/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 732 696 A (TEXAS INSTRUMENTS INC) 18 September 1996 (1996-09-18) the whole document ---	1,2,7, 11,12
Y	PATENT ABSTRACTS OF JAPAN vol. 015, no. 220 (P-1211), 5 June 1991 (1991-06-05) & JP 03 062382 A (NEC CORP), 18 March 1991 (1991-03-18) abstract ----	9,10

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Information on patent family members

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